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Form PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEAtty. Docket No.
US010577Serial No.
Not Yet AssignedApplicant
Antonio Colmenarez et alFiling Date
November __, 2001

Group

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Ex. Int.		Document Number								Date	Name	Class	Sub-class	Filing Date If Approp.
w7	AA	5	4	1	4	4	3	9	5/9/95	Groves et al.	345	7		
w7	AB	5	0	0	1	5	5	8	3/19/91	Burley et al.	358	113		
w7	AC	4	6	7	1	6	1	4	6/9/87	Catalano	350	276		
w7	AD	5	5	7	6	7	2	7	11/19/96	Rosenberg et al.	345	179		
w7	AE	6	2	6	2	8	4	8	6/17/01	Anderson et al.	359	630		
w7	AF	3	8	6	2	6	3	3	1/28/75	Allison et al.	128	2.06E		

FOREIGN PATENT DOCUMENTS

		Document Number								Date	Country	Class	Sub-class	Trans.		
		D	E	4	0	3	2	9	2	7				Yes	No	
w7	AG	D	E	4	0	3	2	9	2	7	4/30/92	Germany				x
w7	AH	6	2	2	0	5	3	1	3		9/9/87	Japan (including Abstract translation)			x	
w7	AI	2	7	2	1	8	7	2			1/5/96	France				x
w7	AJ	0	5	7	7	5	0	1	A	1	1/5/94	EPO				x
w7	AK	2	2	7	2	2	8	5	A		5/11/94	UK				

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

w7	AL	Document entitled ``DeVille Becomes First Car To Offer Safety Benefits Of Night Vision'' by G.M., published at http://www.gm.com/company/gmability/safety/crash_avoidance/newfeatures/night_vision.html
w7	AM	``Real-Time Object Detection For ``Smart'' Vehicles'' by D.M. Gavrila and V. Philomin, Proceedings of IEEE International Conference On Computer Vision, Kerkyra, Greece 1999
w7	AN	``Pedestrian Detection From A Moving Vehicle'' by D.M. Gavrila, Proceedings Of The European Conference On Computer Vision, Dublin, Ireland, 2000

Examiner Wayne Tadros Date Considered 9-23-04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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													Yes	No
	AG													
	AH													
	AI													
	AJ													
	AK													

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

W	AL	McKenna, Stephen et al., <u>Tracking Faces</u> , Proceedings of the Second Int'l Conference on Automatic Face and Gesture Recognition, October 14-16, 1996, Killington VT, pp. 271-276
W	AM	"Histogram Equalization", R. Fisher, et al., Hypermedia Image Processing Reference 2, Department of Artificial Intelligence, University of Edinburgh (2000), published at www.dai.ed.ac.uk/HIPR2/histeq.htm
W	AN	"Noise Generation", R. Fisher, et al., Hypermedia Image Processing Reference 2, Department of Artificial Intelligence, University of Edinburgh (2000), published at www.dai.ed.ac.uk/HIPR2/noise.htm

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				Applicant Antonio Colmenarez et al	
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								Yes	No
	AG								
	AH								
	AI								
	AJ								
	AK								

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

WJ	AL	Machine Vision, Ramesh Jain, et al., McGraw-Hill (1995), pages 118-127 (§§ 4.3-4.5)
WJ	AM	``SUSAN -- A New Approach To Low Level Image Processing'' by S.M. Smith and J.M. Brady, Technical Report TR95SMS1c, Defence Research Agency, Farnborough, England (1995) (also appears in Int. Journal Of Computer Vision, 23(1):45-78 (May 1997))
	AN	

Examiner Waf Tahr Date Considered 9-23-04

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Sheet 1 of 1

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE		Atty. Docket No. PHUS010577	Serial No. 09/988,948
		Applicant ANTONIO J.COLMENAREZ	
		Filing Date 11/19/2001	Group 2673
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U.S. PATENT DOCUMENTS

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	AF						

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		Document Number	Date	Country	Class	Sub- class	Trans.	
							Yes	No
	AG							
	AH							
	AI							
	AJ							
	AK							
	AL							

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

W1	AM	Xuan Yu et al, "Road Tracking, Lane Segmentation and Obstacle Recognition by Mathematical Morphology", IEEE, US, June 29, 1992, pp. 166-172.
W1	AN	Stephen Smith et al, "SUSAN - A New Approach to Low Level Image Processing", International Journal of Computer Vision, US, vol. 23, no. 1, May 1, 1997, pp. 45-78.
W1	AO	Anders Eliasson et al, "A Prometheus Head-Up Display Demonstrator Vehicle", IEEE, September 2, 1992, pp. 233-239.
Examiner	<i>Waf Tahr</i>	
	Date Considered 9-27-04	
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